

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/867,389	05/31/2001	Shoichi Iida	3377-0118P	7003
2292	7590	08/13/2004	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EL CHANTI, HUSSEIN A	
			ART UNIT	PAPER NUMBER
			2157	

DATE MAILED: 08/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED

AUG 18 2004

Technology Center 2100

Office Action Summary

Application No.

09/867,389

Applicant(s)

IIDA, SHOICHI

Examiner

Hussein A El-chanti

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/02, 10/02, 6/03
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

1. This action is responsive to application filed on May 31, 2001. Claims 1-5 are pending examination.

Specification

2. The spacing of the lines of the specification is such as to make reading and entry of amendments difficult. New application papers with lines double spaced on good quality paper are required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shi et al., U.S. Patent No. 5,875,296 (referred to hereafter as Shi) in view of Lamb et al., U.S. Patent No. 6,697,620 (referred to hereafter as Lamb).

As to claim 1, Shi teaches an authentication method of a terminal, wherein a Compact HTML-adaptable terminal equipped with a screen memo function capable of saving there into a source file of Compact HTML logs into various kind of servers which require user authentication and are provided on an information communication network, comprising the steps of:

inputting a key code based upon said screen memo function into said terminal, to which both user information and said key code corresponding to said user information have been previously registered, said user information being used when said predetermined server executes an authentication process of said terminal (see col. 3 lines 1-46);

transmitting said user information corresponding to said key code from said terminal to said predetermined server in response to the inputting of said key code (see col. 3 lines 1-46); and

logging in said predetermined server which receives said user information and executes the authentication process based upon said user information by said terminal (see col. 3 lines 1-46).

Shi does not explicitly teach the terminal is a "portable terminal". However Lamb teaches a method of authenticating users and registering users to access a predetermined set of resources and services where the user terminal is a portable terminal (see abstract).

It would have been obvious for one of the ordinary skill in the art at the time of the invention to incorporate the potable terminal in Shi as taught by Lamb because doing so would allow the user to access registered services from any geographic location using wireless communication.

As to claim 2, Shi teaches the authentication method of a terminal as claimed in claim 1 wherein: said user information is composed of both a user ID and a password, which are used to log in said predetermined server (see col. 3 lines 1-46).

As to claim 3, Shi teaches the authentication method of a terminal as claimed in claim 2 wherein: contents of such data as the user ID, the password, and the key code, which have been registered in said screen memo in said terminal, are constituted in such a manner that said data contents cannot be observed from the outside of said terminal (see col. 3 lines 1-46).

As to claim 4, Shi teaches the authentication method of a terminal as claimed in claim 1 wherein: said key code is composed of a numeral having a plurality of digits (see col. 3 lines 1-46).

As to claim 5, Shi teaches the authentication method of a terminal as claimed in any one of the preceding claims 1 to 4 wherein: said various kind of servers which require said user authentication and are provided on the information communication network are connected via a gateway server to said terminal (see col. 3 lines 1-46).

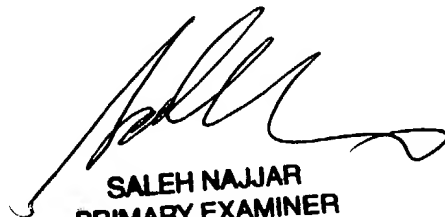
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hussein A El-chanti whose telephone number is (703)305-4652. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (703)308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

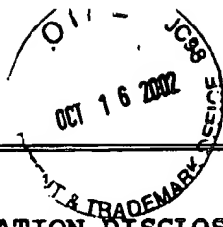
Hussein El-chanti

July 26, 2004



SALEH NAJJAR
PRIMARY EXAMINER

TCB/pjh



#10/02

Sheet 1 of 1 (10/16/02)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY DOCKET NO. 3377-0118P	APPLICATION NO. 09/867,389
	APPLICANT S. IIDA	
	FILING DATE May 31, 2001	GROUP 2155

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
HG	5,796,827	1998-08-18	Coppersmith et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
HG	353255	1999-02-21	TW				X

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER <i>Huyen Chuti</i>	DATE CONSIDERED <i>7/26/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



6/03

Sheet 1 of 1 (6/10/03)

Form PTO-1449		ATTY DOCKET NO. 3377-0118P		APPLICATION NO. 09/867,389				
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT S. IIDA				
				FILING DATE May 31, 2001				
		GROUP 2155						
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS SUB CLASS	FILING DATE IF APPROPRIATE		
	US							
	US							
	US							
	US							
	US							
	US							
	US							
	US							
	US							
	US							
FOREIGN PATENT DOCUMENTS								
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS SUB CLASS	TRANSLATION YES NO	
HE	JP	11-25051	A	1999-01-29	JAPAN		X	
						RECEIVED		
						JUN 11 2003		
						Technology Center 2100		
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
HE	ANDO, Kazumasa, "Portable Phone Functions as Mobile Terminal," Nikkei Internet Technology, Nikkei BP Corporation, October 22, 1999, 28 th edition, pp. 74-83.							
EXAMINER		Huggen Clenti		DATE CONSIDERED		7/26/04		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

- * = Partial Translation
- ^ = English language abstract and partial translation

TCB/pjh

Notice of References Cited	Application/Control No. 09/867,389	Applicant(s)/Patent Under Reexamination IIDA, SHOICHI	
	Examiner Hussein A El-chanti	Art Unit 2157	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,875,296 A	02-1999	Shi et al.	713/202
	B	US-6,697,620 B1	02-2004	Lamb et al.	455/432.1
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.